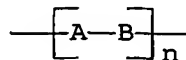
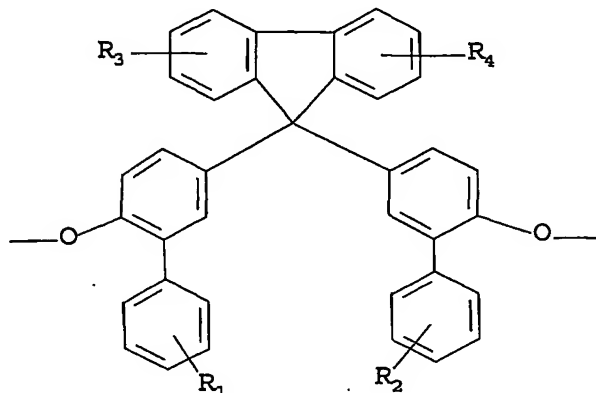


CLAIMS

1. An optical film comprising one or more polyarylates represented by the following structure:



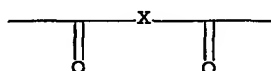
where A represents one or more different bisphenolfluorene units having general formula (I):



formula (I)

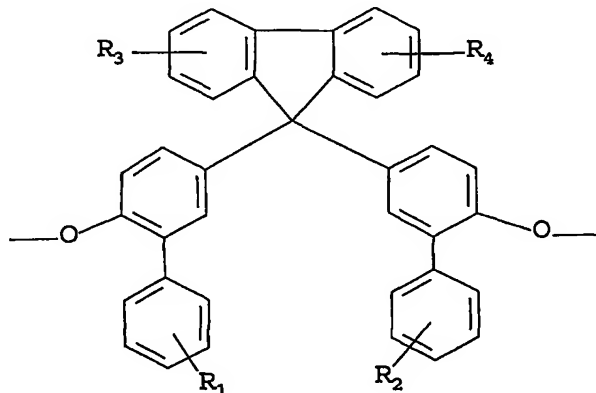
wherein R_1 and R_2 represent an hydrogen atom, an alkyl group, a halogen, an alkoxy group, an acyl group, a phenyl group or a nitrile group; R_3 , and R_4 , represent a hydrogen atom, an alkyl group, a halogen, an alkoxy group, an acyl group, a phenyl group, a nitro group, or a nitrile group;

where B represents one or more different dicarboxy groups having the formula:



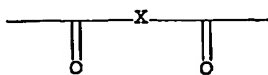
wherein X is a divalent hydrocarbon group having from 1 to 20 carbon atoms, and where n is the number of the repeating units which build up the polymer and is a positive integer higher than 20.

2. The optical film of claim 1, where said bisphenolfluorene units A are represented by the formula:



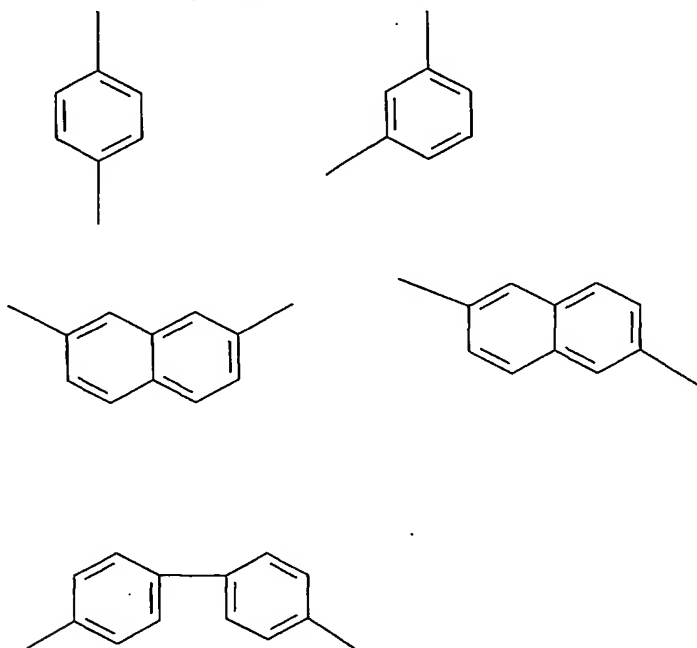
formula (II)

wherein R_1 and R_2 represent a hydrogen atom, a linear or branched alkyl group having from 1 to 6 carbon atoms, and a halogen atom; and where said dicarboxy groups B are represented by the formula:

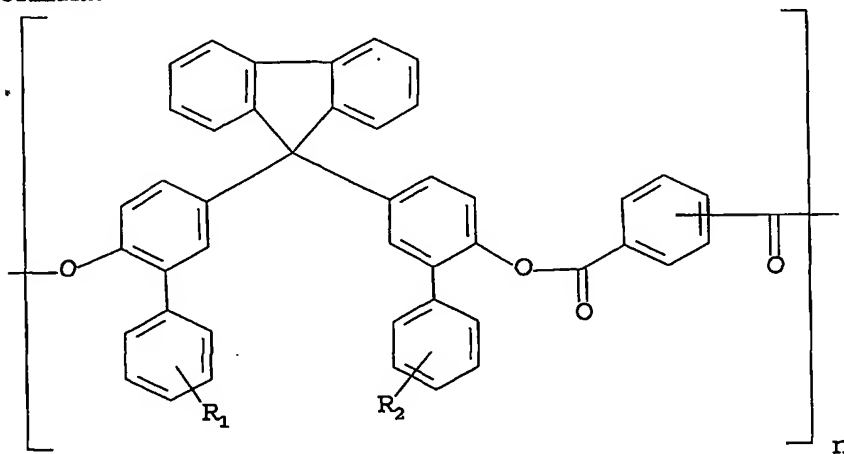


wherein X is a 6 to 20 carbon atom divalent hydrocarbon group.

3. The optical film of claim 1, wherein X is represented by a group selected among:



4. The optical film of claim 1, wherein said one or more polyarylates are represented by the formula:

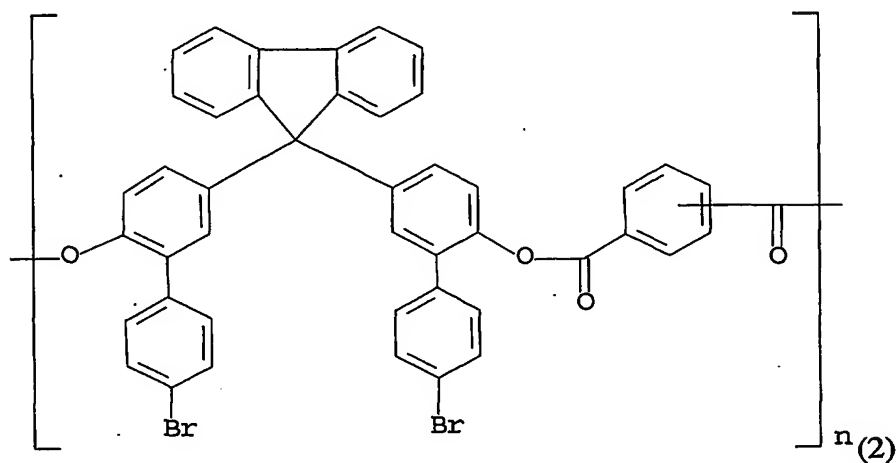
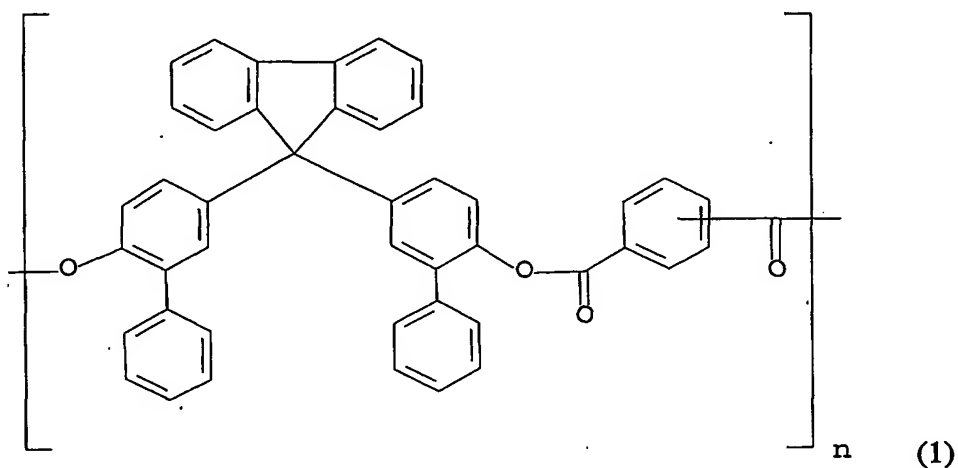


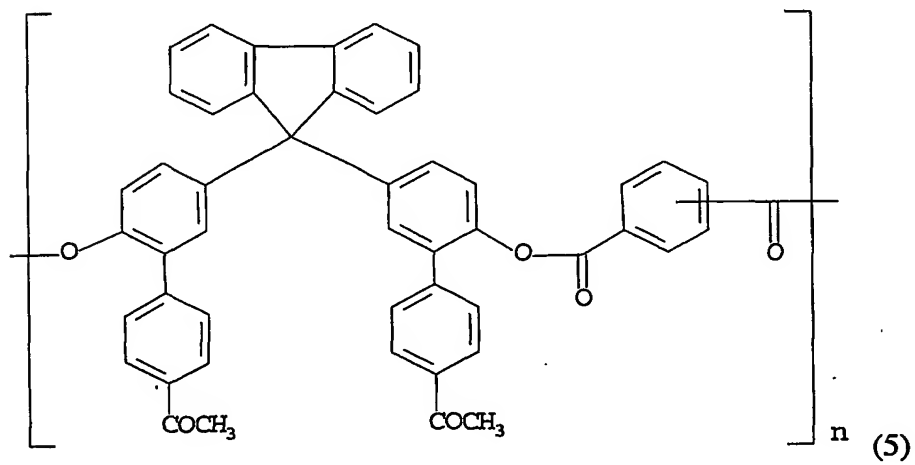
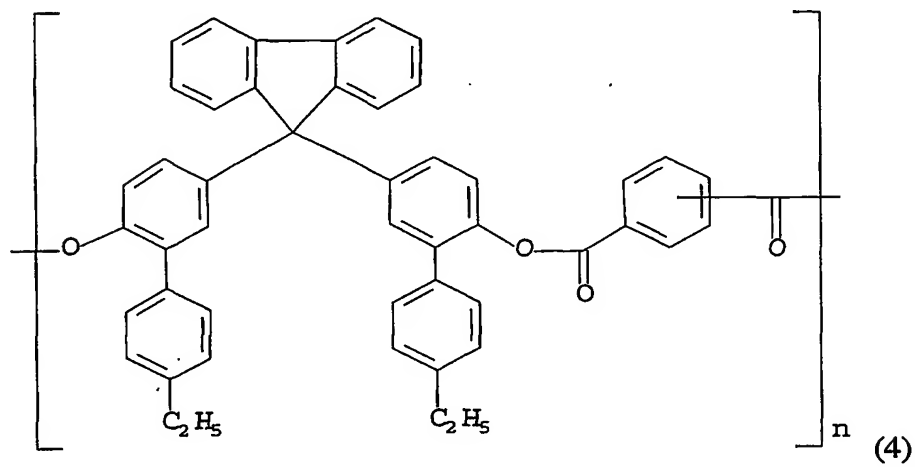
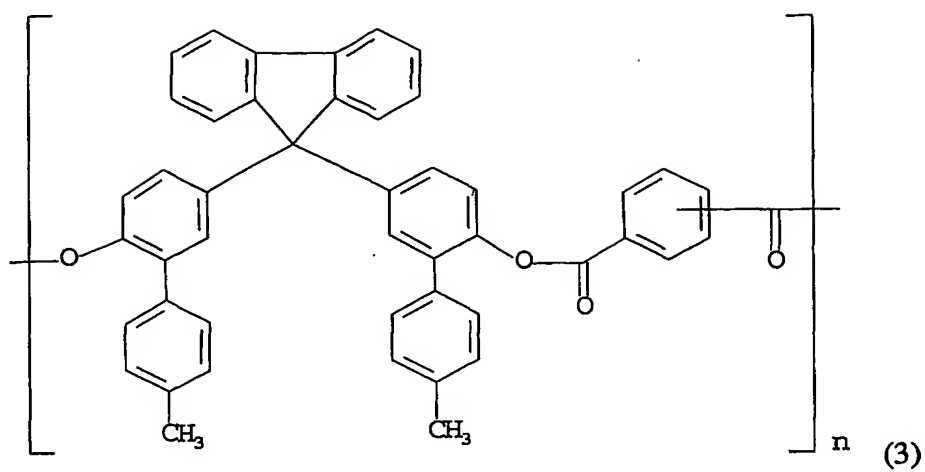
wherein R_1 and R_2 represent a hydrogen atom, a linear or branched alkyl group having from 1 to 6 carbon atoms, and a halogen atom; and where n is a positive integer higher than 20.

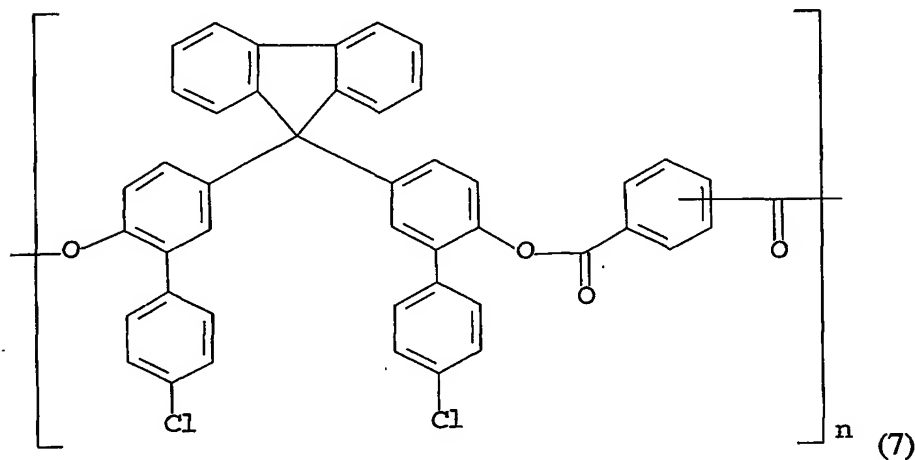
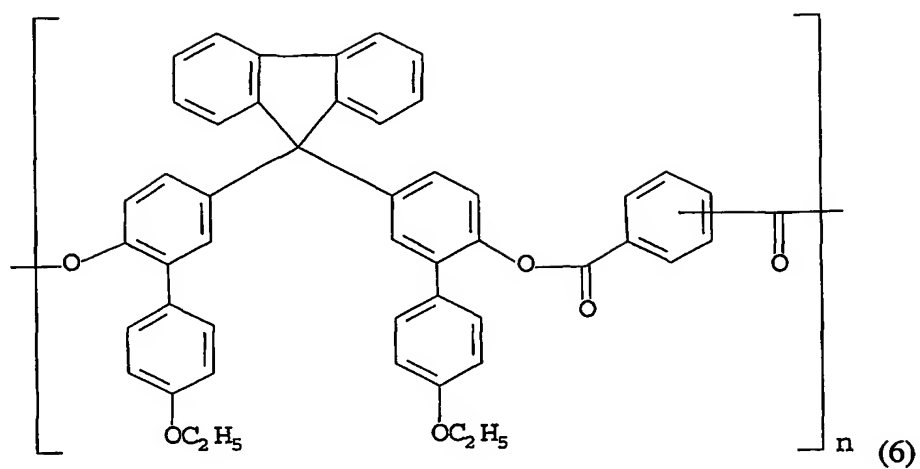
5. The optical film of claim 4, wherein said one or more polyarylates comprise at least two different units, the former comprising isophthalic acid and the latter terephthalic acid.

6. The optical film of claim 5, wherein the at least two different units comprise from 20 to 80% by weight of isophthalic acid and from 80 to 20% by weight of terephthalic acid.

7. The optical film of claim 1, where such one or more polyarylates are selected among:







where n is a positive integer higher than 20.